

Lake District National Park

Forecast valid from 06:00 on Thursday 05 Dec 2024 until 23:59 on Friday 06 Dec 2024

Forecast Issued on Thursday 05 Dec 2024 at 02:33

Confidence: High for unsettled and occasionally very windy through the Saturday, also for the improvement from Sunday. However medium for the transitional detail and extent of and timing of the worst of the conditions.

Headline for Thursday 05 Dec 2024: Dry, bright start. Showers developing which turn heavy for the afternoon as winds strengthen.

Mountain weather hazards on Thursday 05 Dec 2024

Blizzards No Likelihood	Heavy persistent snow No Likelihood	Storm force winds Low Likelihood
Gales Medium Likelihood	Severe chill effect Low Likelihood	Poor visibility Medium Likelihood
Thunderstorms Low Likelihood	Heavy persistent rain Low Likelihood	Strong sunlight No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Fog	Sunny intervals	Cloudy	Heavy Rain	Sleet showers (night)	Light snow showers (night)
Precipitation probability					
10%	10%	30%	80%	60%	50%

Forecast for Thursday 05 Dec 2024

Weather: Mainly dry and bright start to the day, then cloud and showers building from late morning, with outbreaks quite frequent and occasionally heavy from mid-afternoon, bringing the chance of hail and thunder.

Chance of cloud-free hill tops above 800m: 75% at first becoming 25% by mid-afternoon

Low cloud and visibility: Good visibility becoming moderate or poor in rain, very poor within cloud with bases becoming quite extensive from 500m for afternoon.

Forecast for Thursday 05 Dec 2024

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	31/36 W	23/27 W	29/37 SW	35/43 SW	43/54 W	45/56 NW	41/51 NW
600	27/34 W	19/25 W	26/35 SW	28/37 SW	34/46 W	31/44 NW	27/40 NW
300	11/28 W	8/20 W	10/26 SW	10/30 SW	15/40 W	14/39 NW	11/35 NW
Valley	9/25 W	6/18 W	9/22 SW	13/33 SW	14/35 W	13/36 NW	10/32 NW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	4/-2	4/-2	4/-3	5/-2	1/-7	-0/-10	-1/-10
600	6/1	6/1	6/0	6/1	4/-3	2/-5	2/-5
300	8/5	7/5	8/5	8/6	6/2	4/-0	4/0
Valley	10/7	9/7	9/7	10/7	8/5	7/3	7/4
Freezing Level*	1500m	1300m	1500m	1700m	1100m	800m	700m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Conditions deteriorate quickly this afternoon with heavy rain and strong winds. Gusts reaching 50 to 60mph, perhaps briefly 70mph in showers, from late afternoon across more exposed ridges and summits.

Forecast for Friday 06 Dec 2024

Weather: Dry and bright start. Cloud increasing from mid-day, with a broad area of occasionally heavy rain reaching from the west late afternoon and through the evening, turning to sleet or snow above around 700m.

Maximum wind: Generally 15-20mph, but risk strengthening later.

Chance of cloud-free hill tops above 800m: 80% becoming 10% by late afternoon

Low cloud and visibility: Very good visibility becoming moderate or poor in rain, very poor within cloud with bases becoming quite extensive from 500m late in the day.

Temperature: **Valleys:** Plus 2 Celsius rising 9 Celsius during the afternoon
 At 800m: Plus 1-2 Celsius
 Freezing level: 900m

Ground Conditions Supplement

Date: Wednesday 4 December 2024 Location: Helvellyn summit at 12:00 Full report: Tuesday night's rain and elevated temperatures have stripped yesterday's snow back. Little wet snow and ice remains on Helvellyn's summit plateau (above 900m) and east facing corrie lips. Caution still required descending the first 10m of Swirral Edge and the traverse path of Striding Edge where trampled ice remains. With unsettled wet and windy weather arriving overnight conditions will deteriorate and provide challenging walking with the need for all winter clothing (full waterproofs, insulation, hat & gloves) & kit. Temperature: plus 1.2 C, Maximum wind speed 21.2 mph, Wind chill: minus 6.5 C, Average wind speed: 11.8 mph

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